

Amendments to the Claims:

1 (Currently Amended): A computer-implemented method for tracking and diagramming navigated portions of a web site, comprising:

receiving a selected web site on a web site diagramming application of a client;

on the web site diagramming application, automatically parsing the selected web site for subordinate web pages to the selected website, wherein one of the subordinate web pages is a interaction-required web page, wherein the interaction-required web page requires user interaction to access a web page subordinate to the interaction-required web page web links subordinate to the selected web site, wherein the selected web site does not require user interaction to identify the web links subordinate to the selected web site, wherein parsing the selected web site includes at least one member of a group comprising: automatically parsing the web site to a specified maximum number of links, and automatically parsing the web site to a specified maximum number of discovery levels;

on the web site diagramming application, initially mapping web links of the web pages subordinate to the website including the interaction-required web page to a web diagram data structure of the web site diagramming application, wherein a web link of the web page subordinate to the interaction-required web page is not initially mapped to the web diagram data structure of the web site diagramming application selected web site and parsed web links to a web diagram data structure;

after the initial mapping, receiving a selection of the web link of the interaction-required web page a first web link in the web diagram data structure of the web site diagramming application to cause a browser to obtain a web page associated with of the first web link interaction-required web page from a server, wherein the web page associated with of the first web link interaction-required web page is displayed in a user interface of the web-site diagramming application, wherein the user interface of the web-site diagramming application includes an expand target selector, wherein the first web link is subordinate to the selected web site, wherein the first web link requires user interaction within the web page to identify web links subordinate to the first web link, wherein the web links subordinate to the first web link are not mapped to the web diagram data structure of the web site diagramming application of the client;

receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page an interaction with a second web link within the obtained web page of the first link, wherein the second web link is subordinate to the first web link;

obtaining a web page associated with the second web link from the server;
in response to causing access to the web page subordinate to the interaction-required web page:

determining whether the expand target selector of the user interface of the web-site diagramming application is selected web page associated with the first web link is selected;

when the expand target selector is selected, causing a link to the web page subordinate to the interaction-required web page and links to web pages subordinate to the web page subordinate to the interaction-required web page to be additionally mapped to the initial mapping mapping the second web link and links subordinate to the second web link to the web diagram data structure of the web site diagramming application of the client; and

when the expand target selector is not selected, causing only a link to the web page subordinate to the interaction-required web page to be additionally mapped to the initial mapping mapping the second web link without links subordinate to the second web link to the web diagram data structure of the web site diagramming application of the client.

2 (Cancelled).

3 (Previously Presented): The computer-implemented method of Claim 1, whereby receiving the selected web site includes receiving an address for the selected web site at the web site diagramming application of the client.

4-7 (Cancelled).

8 (Currently Amended): The computer-implemented method of Claim 1 ~~7~~, whereby receiving a selection of the web link of the interaction-required web page ~~selection of a first web link~~ includes receiving a selection of a node of the web diagram data structure of the web site diagramming application of the client.

9-24 (Cancelled).

25 (New): The computer-implemented method of claim 1, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a password input which causes access to the web page subordinate to the interaction-required web page.

26 (New): The computer-implemented method of claim 1, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a search term input which causes access to the web page subordinate to the interaction-required web page.

27 (New): The computer-implemented method of claim 1, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a user authentication input which causes access to the web page subordinate to the interaction-required web page.

28 (New): The computer-implemented method of claim 1, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a hyperlink input which causes access to the web page subordinate to the interaction-required web page.

29 (New): A computer-readable storage medium having computer executable instruction for tracking and diagramming navigated portions of a web site, the instructions comprising:

receiving a selected web site on a web site diagramming application;

on the web site diagramming application, automatically parsing the selected web site for subordinate web pages to the selected website, wherein one of the subordinate web pages is an interaction-required web page, wherein the interaction-required web page requires user interaction to access a web page subordinate to the interaction-required web page;

initially mapping web links of the web pages subordinate to the website including the interaction-required web page to a web diagram data structure of the web site diagramming application, wherein a web link of the web page subordinate to the interaction-required web page is not initially mapped to the web diagram data structure of the web site diagramming application;

after the initial mapping, receiving a selection of the web link of the interaction-required web page in the web diagram data structure of the web site diagramming application to cause a browser to obtain a web page of the interaction-required web page from a server, wherein the web page of the interaction-required web page is displayed in a user interface of the web-site diagramming application, wherein the user interface of the web-site diagramming application includes an expand target selector;

receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page;

in response to causing access to the web page subordinate to the interaction-required web page:

determining whether the expand target selector of the user interface of the web-site diagramming application is selected;

when the expand target selector is selected, causing a link to the web page subordinate to the interaction-required web page and links to web pages subordinate to the web page subordinate to the interaction-required web page to be additionally mapped to the initial mapping; and

when the expand target selector is not selected, causing only a link to the web page subordinate to the interaction-required web page to be additionally mapped to the initial mapping.

30 (New): The computer-readable storage medium of Claim 29, whereby receiving the selected web site includes receiving an address for the selected web site at the web site diagramming application of the client.

31 (New): The computer-readable storage medium of Claim 29, whereby receiving a selection of the web link of the interaction-required web page includes receiving a selection of a node of the web diagram data structure of the web site diagramming application of the client.

32 (New): The computer-readable storage medium of claim 29, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a password input which causes access to the web page subordinate to the interaction-required web page.

33 (New): The computer-readable storage medium of claim 29, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a search term input which causes access to the web page subordinate to the interaction-required web page.

34 (New): The computer-readable storage medium of claim 29, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a user authentication input which causes access to the web page subordinate to the interaction-required web page.

35 (New): The computer-readable storage medium of claim 29, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a hyperlink input which causes access to the web page subordinate to the interaction-required web page.

36 (New): A system for tracking and diagramming navigated portions of a web site, the instructions comprising:

a processor; and

a memory having computer executable instructions stored thereon, wherein the computer executable instructions are configured for:

receiving a selected web site on a web site diagramming application;

on the web site diagramming application, automatically parsing the selected web site for subordinate web pages to the selected website, wherein one of the subordinate web pages is a interaction-required web page, wherein the interaction-required web page requires user interaction to access a web page subordinate to the interaction-required web page;

initially mapping web links of the web pages subordinate to the website including the interaction-required web page to a web diagram data structure of the web site diagramming application, wherein a web link of the web page subordinate to the interaction-required web page is not initially mapped to the web diagram data structure of the web site diagramming application;

after the initial mapping, receiving a selection of the web link of the interaction-required web page in the web diagram data structure of the web site diagramming application to cause a browser to obtain a web page of the interaction-required web page from a server, wherein the web page of the interaction-required web page is displayed in a user interface of the web-site diagramming application, wherein the user interface of the web-site diagramming application includes an expand target selector;

receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page;

in response to causing access to the web page subordinate to the interaction-required web page:

determining whether the expand target selector of the user interface of the web-site diagramming application is selected;

when the expand target selector is selected, causing a link to the web page subordinate to the interaction-required web page and links to web pages

subordinate to the web page subordinate to the interaction-required web page to be additionally mapped to the initial mapping; and

when the expand target selector is not selected, causing only a link to the web page subordinate to the interaction-required web page to be additionally mapped to the initial mapping.

37 (New): The system of claim 36, whereby receiving the selected web site includes receiving an address for the selected web site at the web site diagramming application of the client.

38 (New): The system of claim 36, whereby receiving a selection of the web link of the interaction-required web page includes receiving a selection of a node of the web diagram data structure of the web site diagramming application of the client.

39 (New): The system of claim 36, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a password input which causes access to the web page subordinate to the interaction-required web page.

40 (New): The system of claim 36, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a search term input which causes access to the web page subordinate to the interaction-required web page.

41 (New): The system of claim 36, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a user authentication input which causes access to the web page subordinate to the interaction-required web page.

42 (New): The computer-readable storage medium of claim 29, wherein receiving a user input in the displayed interaction-required web page to cause access to the web page subordinate to the interaction-required web page includes receiving a hyperlink input which causes access to the web page subordinate to the interaction-required web page.